

**INSTRUCTIONS**  
**FORM F11a**  
**FUGITIVE DUST-ROADS**

Department of Environmental Quality  
Division of Air Quality  
150 N. 1950 W.  
Salt Lake City, UT 84116  
Telephone (801) 536-4000

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DAQ ID	For Office use only.
Pt. Source ID	Provide the identification number the company associates with the process.
SCC	Enter the appropriate Source Classification Code (SCC). <i>See page 16 of the General Instruction for explanation.</i>
Road Description	Give a description of the road. Example: haul road, access road, etc.
Road Type	List the type of the road. Example: dirt, gravel, or paved.
Public/Private Road	List whether or not road usage is on public or private roads.
Vehicle Miles Traveled/year	Give vehicle miles traveled over these roads per year. Values should include all company usage.
Avg. Vehicle Speed	Provide the vehicle average travel speed over the road in miles per hour.
Control Method Code	Use the following control codes for dust suppression: 000 None. 061 Water spray. 062 Chemical stabilization <i>Refer to Table 5 on page 19 in the General Instructions for additional codes if needed.</i>
% Control Efficiency	Percent of control by watering or other treatment.
# of Applications	List the number of applications per year used to stabilize road surface.
% Silt Content	Percent of silt content of the road surface material.
Loaded Vehicle Weight	Utah Department of Transportation (UDOT) limitation for highway travel.
Empty Vehicle Weight	UDOT limitation minus normal load.
Mean # of Wheels	Provide the average number of wheels per vehicle.
Emissions	Calculate the quantity for each pollutant accounting for any control, where appropriate, in tons per year. Report emissions rounded to nearest hundredth. <b>Provide complete calculations on a separate sheet.</b> <i>See page 14 of the General Instructions for information on completing calculations.</i>

Estimate Code                      Provide the method code for quantifying actual emissions of each pollutant. The valid method codes are listed in Table 6, page 25 of the General Instructions. If estimate code **8** (EPA Emission Factor) is used, also include the specific AP-42 section used in the Comments field.

Emission Factor                    Provide the emission factors used in the calculations for each pollutant. *See page 16 of the General Instructions for information on emissions factors.*

Units                                    Appropriate units associated with the emission factor.

### **Suggested Equations**

Unpaved Roads                      *See AP-42, Section 13.2.2. AP-42 can be downloaded from EPA's website: [www.epa.gov/ttn/chief/ap42/index.html](http://www.epa.gov/ttn/chief/ap42/index.html)*

Paved Roads                         *See AP-42, Section 13.2.2. AP-42 can be downloaded from EPA's website: [www.epa.gov/ttn/chief/ap42/index.html](http://www.epa.gov/ttn/chief/ap42/index.html)*